



Water-Data Report NV-2005

10349300 STEAMBOAT CREEK AT STEAMBOAT, NV

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

LOCATION.--Lat 39°22'37.68", long 119°44'37.17" referenced to North American Datum of 1983, in SE ¼ SW ¼ sec.33, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank, downstream of bridge at Rhodes Road, 250 ft upstream from Steamboat Ditch, and 11 mi southeast of Reno.

DRAINAGE AREA.--123 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Oct 1961 to current year.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 4,600 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair except period Oct 1-17 and Aug 27 through Sep 11, which are poor due to a leak in the control. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,600 ft³/s, Feb 17, 1986, gage height, 6.79 ft, from rating curve extended above 954 ft³/s, on basis of slope-area measurement of peak flow; no flow, Sep 9-15, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 69 ft³/s, May 27, gage height, 2.27 ft; minimum daily discharge, 0.24 ft³/s, Oct 1.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.24	0.93	2.5	3.0	4.8	6.1	5.1	12	59	21	3.6	0.83
2	0.28	1.00	2.2	3.1	4.6	6.7	4.8	8.9	57	18	3.9	0.85
3	0.33	1.9	2.0	3.1	4.6	6.5	4.6	11	49	18	4.6	0.39
4	0.34	2.9	2.2	3.1	4.5	5.7	4.3	16	48	15	4.7	0.41
5	0.32	2.0	2.3	3.1	4.9	5.4	3.9	21	48	15	2.3	0.35
6	0.27	2.5	2.3	3.1	5.7	5.8	3.7	19	41	13	2.7	0.35
7	0.27	1.8	7.4	3.0	8.0	5.7	4.4	16	35	14	3.6	0.38
8	0.26	1.6	5.4	3.8	6.2	5.7	4.9	16	38	13	3.3	0.56
9	0.28	1.5	3.0	5.7	5.6	6.4	5.5	15	44	11	2.7	0.74
10	0.31	1.4	2.3	7.9	5.7	6.7	5.0	12	43	12	4.0	0.94
11	0.36	1.4	2.0	7.0	6.0	5.9	4.8	11	40	9.9	3.4	1.2
12	0.49	0.99	1.9	5.8	8.5	5.8	4.0	12	37	10	2.4	1.4
13	0.45	1.2	2.0	4.8	14	5.5	3.7	14	35	11	2.4	1.2
14	0.54	1.4	1.9	4.6	11	4.8	3.4	17	37	9.6	1.8	1.9
15	0.57	1.5	1.8	4.4	7.6	4.4	3.7	25	40	8.0	1.9	2.2
16	0.66	1.5	1.8	4.1	6.6	4.4	3.3	40	34	7.1	2.3	1.7
17	0.80	1.1	1.8	4.0	6.1	4.3	1.8	27	37	6.1	2.3	1.7
18	1.1	0.90	1.8	3.8	6.2	4.2	1.2	37	34	5.0	2.1	0.79
19	1.8	0.97	1.8	3.6	6.0	4.7	3.3	57	29	6.0	1.8	0.84
20	3.5	0.97	1.8	3.7	7.6	7.7	2.5	58	23	5.2	2.0	0.71
21	2.5	0.95	1.8	3.7	8.8	6.3	1.8	48	22	6.1	1.9	0.81
22	3.3	1.0	1.9	3.6	21	26	2.4	47	23	5.1	1.3	0.87
23	2.9	1.2	2.3	3.6	12	14	5.2	49	25	4.8	1.0	0.94
24	4.0	1.2	2.8	3.5	8.4	8.1	4.5	49	27	3.9	1.0	1.6
25	4.2	1.2	2.8	4.1	7.6	6.6	5.1	50	27	3.5	0.75	2.2
26	3.0	1.3	2.5	5.5	6.9	6.1	5.0	53	25	4.4	0.84	0.92
27	2.3	1.5	2.3	6.2	6.7	6.8	12	55	21	4.2	0.51	1.0
28	1.6	2.1	2.4	7.0	6.5	13	13	58	21	5.4	0.53	1.1
29	1.4	1.9	2.4	6.1	---	7.3	8.0	51	23	5.5	0.43	0.83
30	1.3	2.1	3.1	5.4	---	5.9	8.6	45	22	5.9	0.37	1.00
31	1.0	---	3.1	5.0	---	5.3	---	47	---	4.4	0.39	---
Total	40.67	43.91	77.6	138.4	212.1	217.8	143.5	996.9	1,044	281.1	66.82	30.71
Mean	1.31	1.46	2.50	4.46	7.58	7.03	4.78	32.2	34.8	9.07	2.16	1.02
Max	4.2	2.9	7.4	7.9	21	26	13	58	59	21	4.7	2.2
Min	0.24	0.90	1.8	3.0	4.5	4.2	1.2	8.9	21	3.5	0.37	0.35
Ac-ft	81	87	154	275	421	432	285	1,980	2,070	558	133	61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	7.10	8.64	11.9	20.8	26.7	27.8	25.7	30.9	36.9	20.3	10.3	7.78
Max	41.6	85.0	149	247	241	187	146	132	223	176	101	57.5
(WY)	(1984)	(1984)	(1984)	(1997)	(1997)	(1986)	(1986)	(1983)	(1983)	(1983)	(1983)	(1983)
Min	0.07	1.12	2.23	3.04	2.20	2.23	1.61	0.68	0.61	0.21	0.01	0.01
(WY)	(2002)	(1991)	(1991)	(1962)	(1991)	(2001)	(1988)	(1992)	(1992)	(1988)	(2001)	(2001)

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	Calendar Year 2004		Water Year 2005		Water Years 1962 - 2005	
Annual total	1,368.84		3,293.51			
Annual mean	3.74		9.02		19.5	
Highest annual mean					115	1983
Lowest annual mean					1.92	1992
Highest daily mean	16	Feb 25	59	Jun 1	1,220	Feb 17, 1986
Lowest daily mean	0.00	Sep 2	0.24	Oct 1	0.00	Sep 9, 1977
Annual seven-day minimum	0.01	Sep 1	0.29	Oct 1	0.00	Sep 9, 1977
Maximum peak flow			69	May 27	3,600	Feb 17, 1986
Maximum peak stage			2.27	May 27	6.79	Feb 17, 1986
Annual runoff (ac-ft)	2,720		6,530		14,150	
10 percent exceeds	8.4		27		59	
50 percent exceeds	2.8		4.2		5.9	
90 percent exceeds	0.17		0.84		0.99	